

JOIN THE ICAR/IDF WEBINAR  
ON 21 JANUARY 2026



## "POTENTIAL AND RECOMMENDATIONS FOR THE USE OF SENSOR DATA FOR GENETIC IMPROVEMENT PROGRAMMES "

REGISTRATION AT

[HTTPS://US02WEB.ZOOM.US/MEETING/REGISTER/X8PZLHHKSC2Z28BSVHM25A](https://us02web.zoom.us/meeting/register/x8pZLHHKSC2Z28BSVHM25A)

21 JANUARY, 2026 15:00 – 17:00 (PARIS TIME)

### PROGRAMME

15:00 - Using data from sensors and other technologies to enhance dairy cattle breeding programs.  
Luiz Brito (30 min.)

15:30 - AMS data as a new data source for genetic evaluation of existing and new traits.  
Gerben de Jong (20 min.)

15:40 - New ICAR-IDF Guidelines on sensor-based behaviour information for functional traits with focus on rumination.  
Christa Egger-Danner and Ilka Klaas (10 min.)

16:00 - Which data to share for genetic evaluation – recommendations with focus on rumination.  
Christa Egger-Danner (10 min.).

16:10 - ICAR ADE Working Group: technical background and standards for sharing sensor data, with examples of routine implementation.  
Robert Fourdraine and Valerija Volcic (20 min.)

16:30 - Questions & Answers

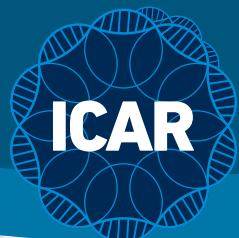


**WEBINAR  
REGISTRATION  
HERE**

- Webinar announcement

- [www.icar.org](http://www.icar.org)

- [www.fil-idf.org](http://www.fil-idf.org)



## BACKGROUND

The increasing availability of data from precision livestock farming (PLF) technologies offers substantial potential to improve genetic gain across a wide range of traits and to enhance sustainability in livestock production. This webinar introduces the ICAR-IDF Sensor Initiative and explores how sensor-derived data can be effectively used within genetic improvement programmes.

Drawing on practical experience from routine genetic evaluations, the session will highlight opportunities and challenges associated with integrating sensor data into existing breeding schemes. An expert group from ICAR and IDF, working jointly with technology manufacturers, has developed concrete genetic use cases and agreed on clear recommendations regarding which sensor data should be shared and in which formats.

In addition, the webinar will demonstrate how these recommendations are technically implemented within the ICAR ADE Standards and outline how a routine, standardized exchange of sensor data for genetic evaluation can be achieved in practice.

## THE SPEAKERS



### Luiz Brito

Associate Professor of Quantitative Genetics and Genomics, Purdue University (USA)



### Gerben de Jong (20)

Manager Herdbook and Animal Evaluation Unit, CRV



### Christa Egger-Danner

ZuchtData, ICAR Functional Traits Working Group



### Rober Fourdraine

(CDCB, ICAR ADE) and

### Valerija Volcic

(VIT, iDDEN)

## OPENING REMARKS

### Ilka Klaas

Dairy Development Director, DeLaval International; Member of the IDF Standing Committee on Animal Health and Welfare and the IDF Science and Programme Coordination Committee



### Richard Walton

IDF Science and Programme Coordination Committee Chair

